

A schematic diagram of a microfluidic device 10. The device consists of a central vertical channel 11, indicated by a downward arrow and a 'P' label. This central channel is connected to a network of horizontal and vertical channels 14. The entire structure is enclosed within a rectangular frame 10.

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FIG. 3

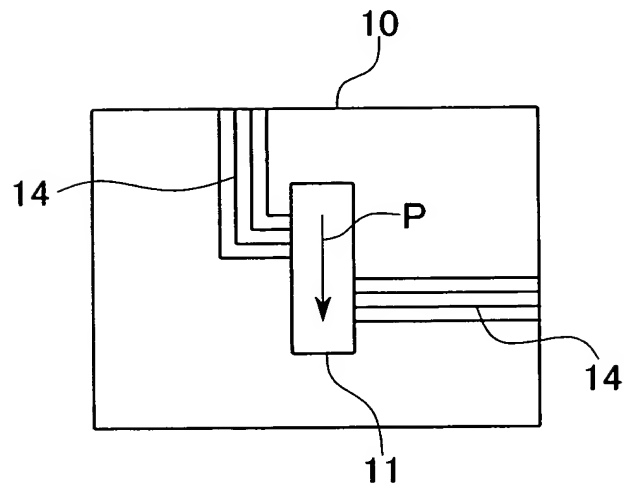
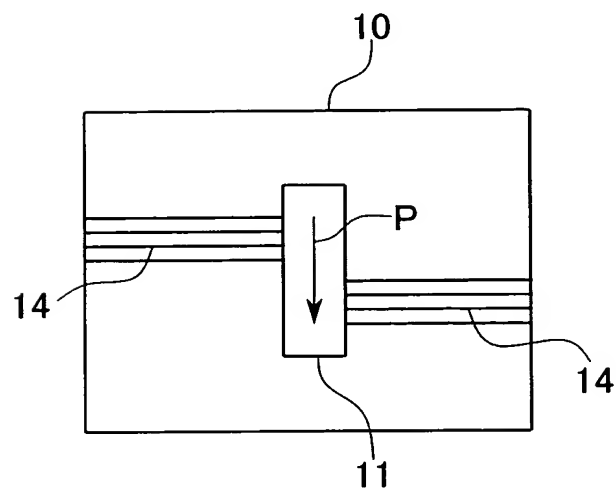
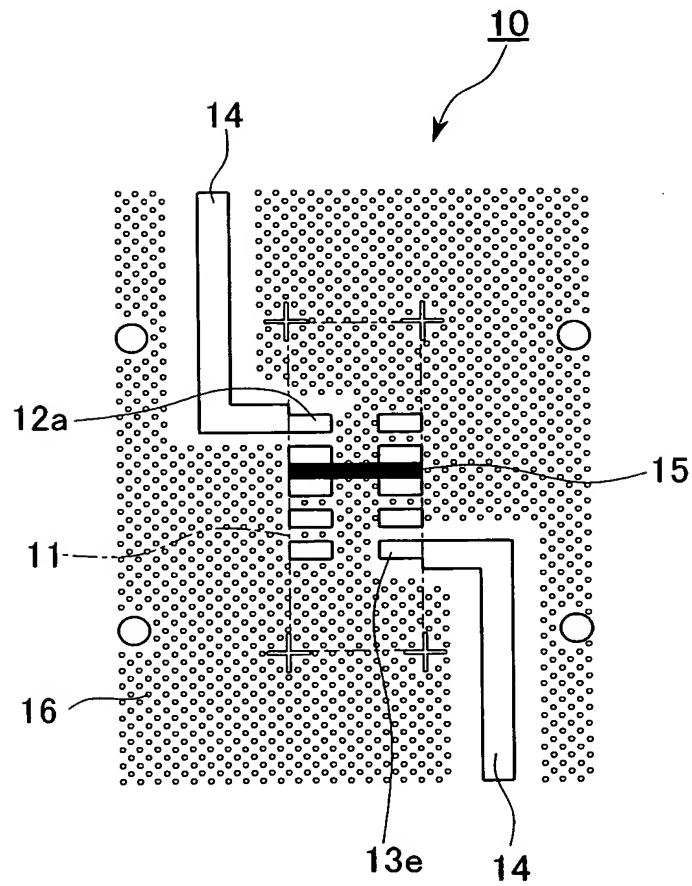


FIG. 4



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FIG. 5



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FIG. 6

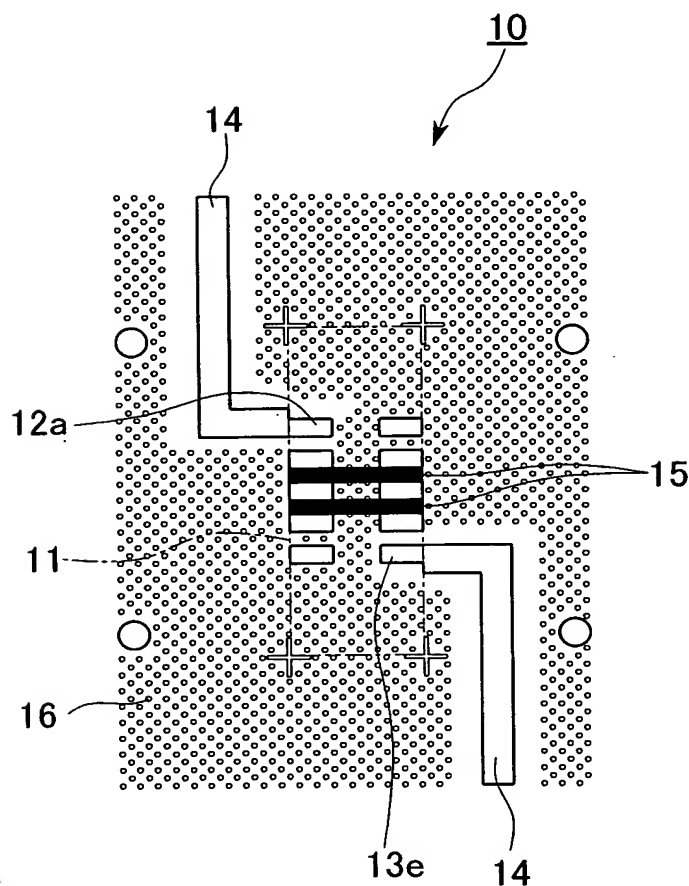
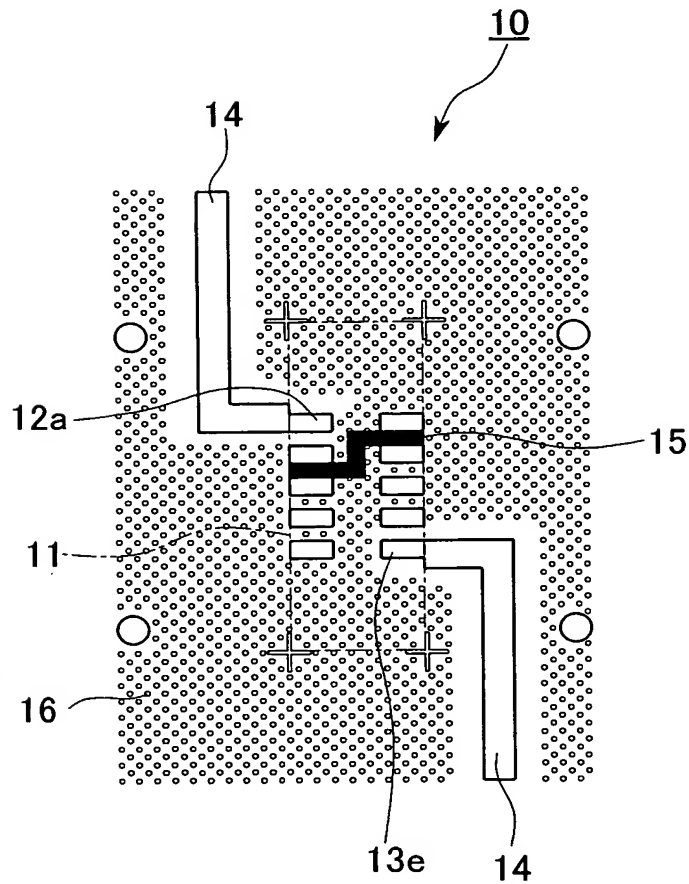


FIG. 7



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FIG. 8

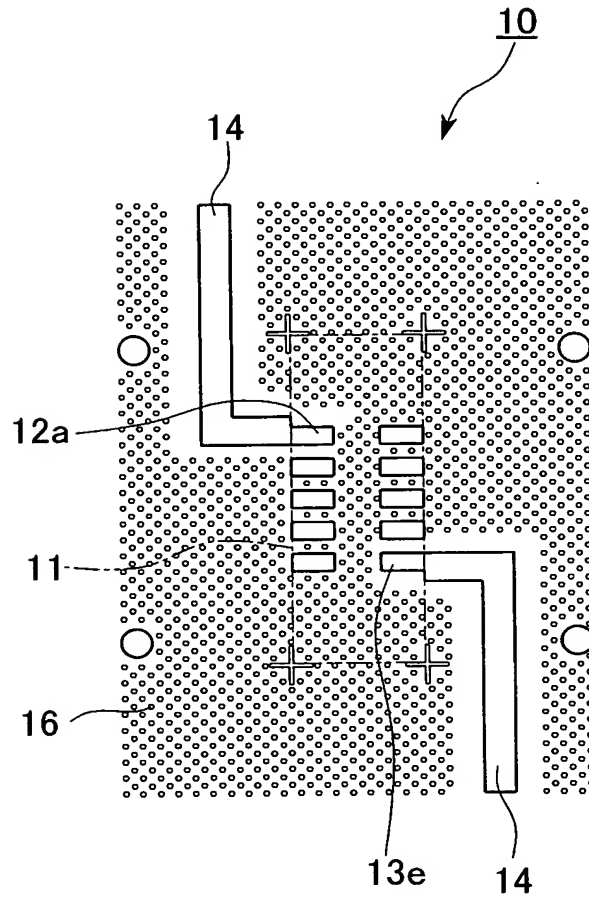


FIG. 9

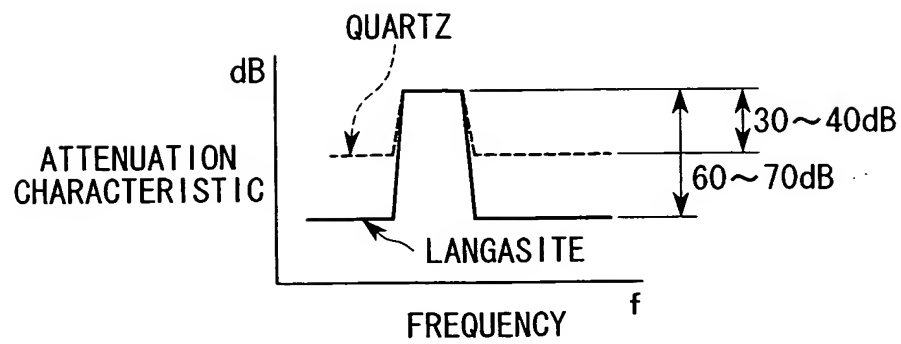


FIG. 10

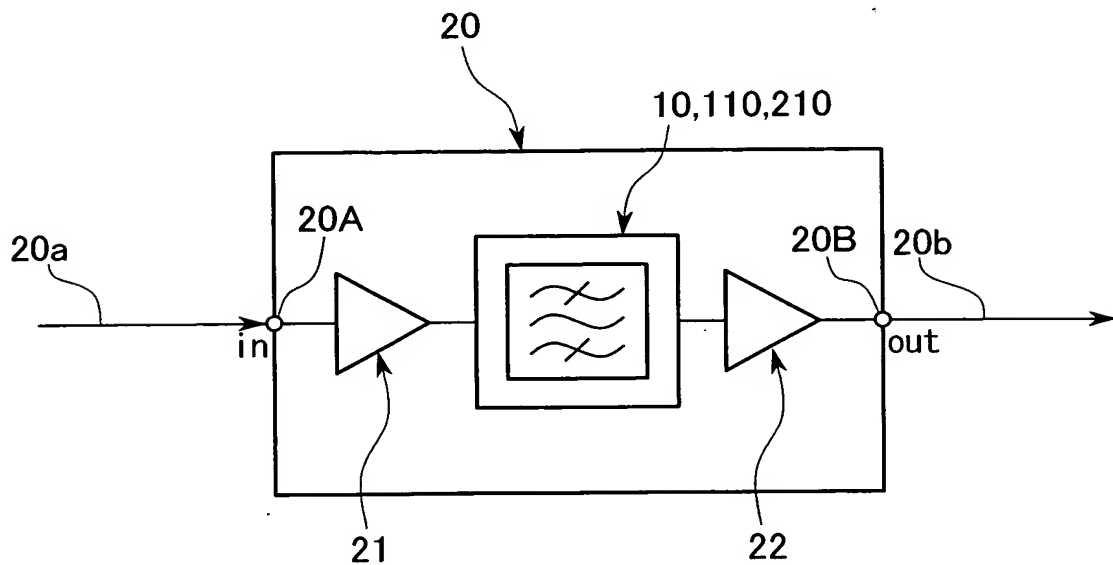


FIG. 11

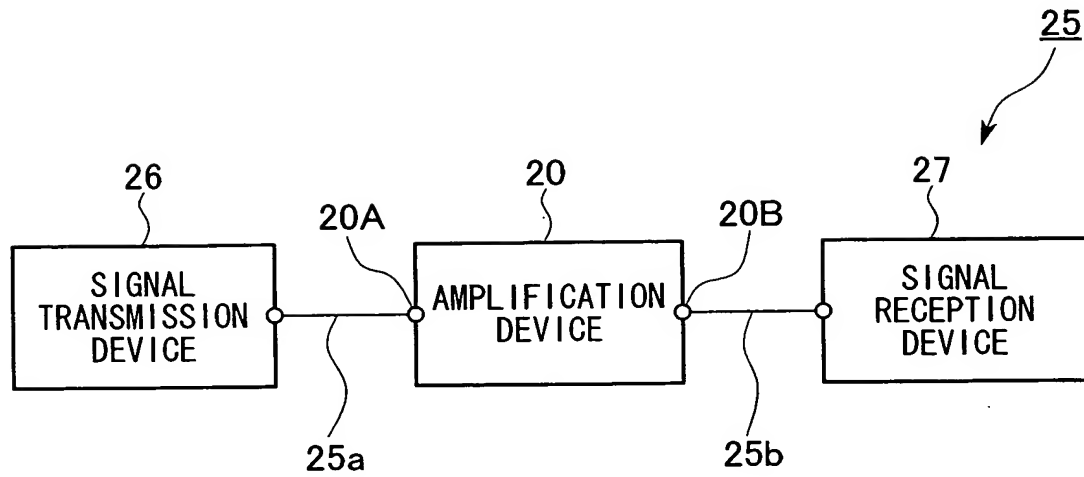


FIG. 12

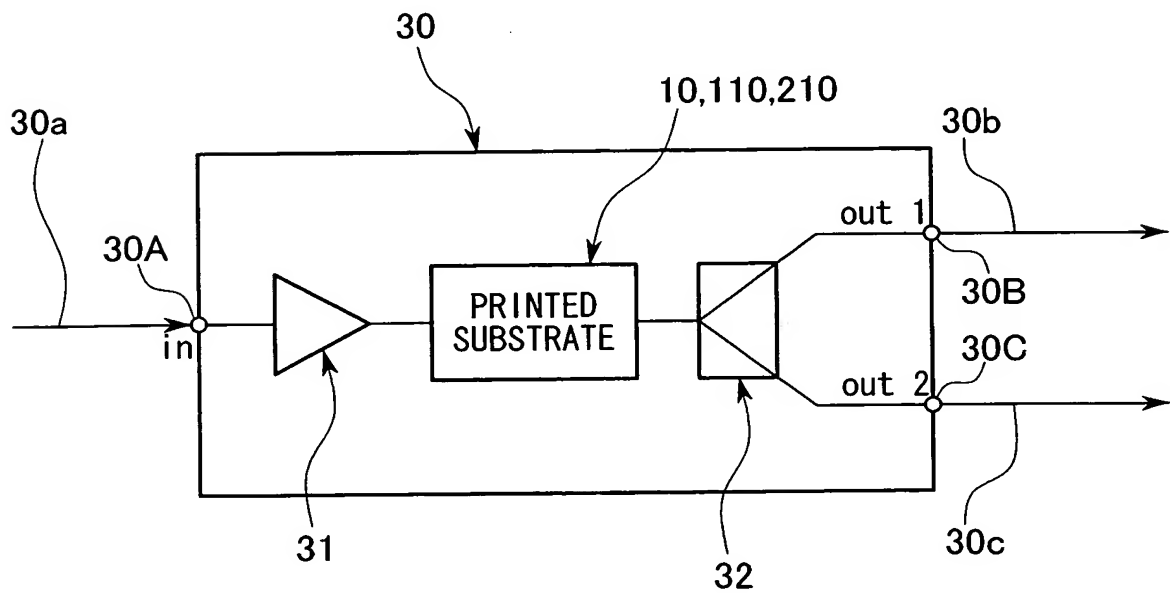




FIG. 13

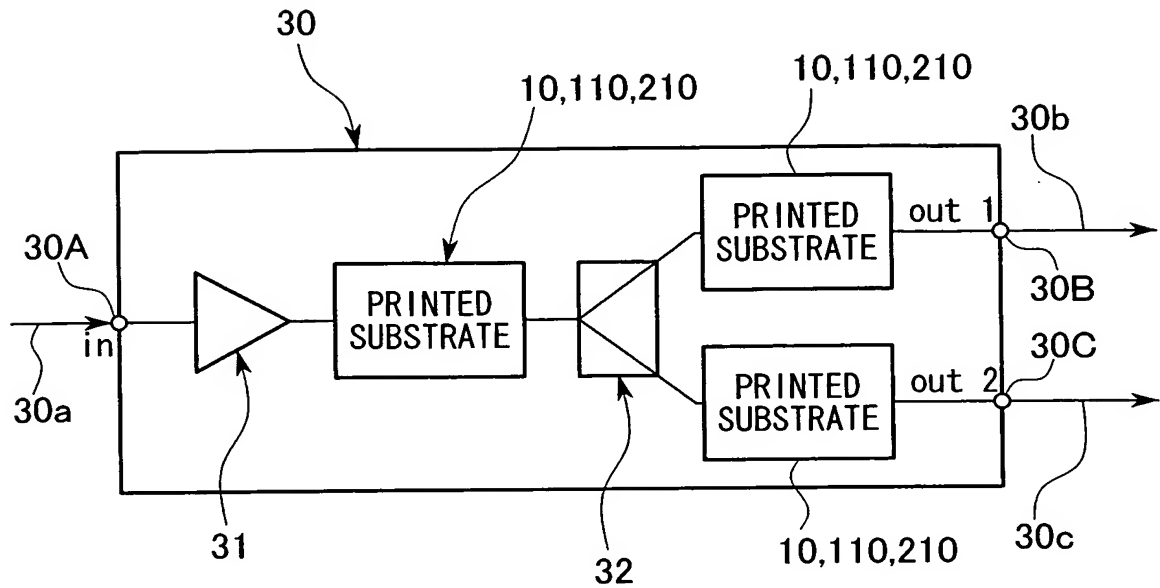


FIG. 14

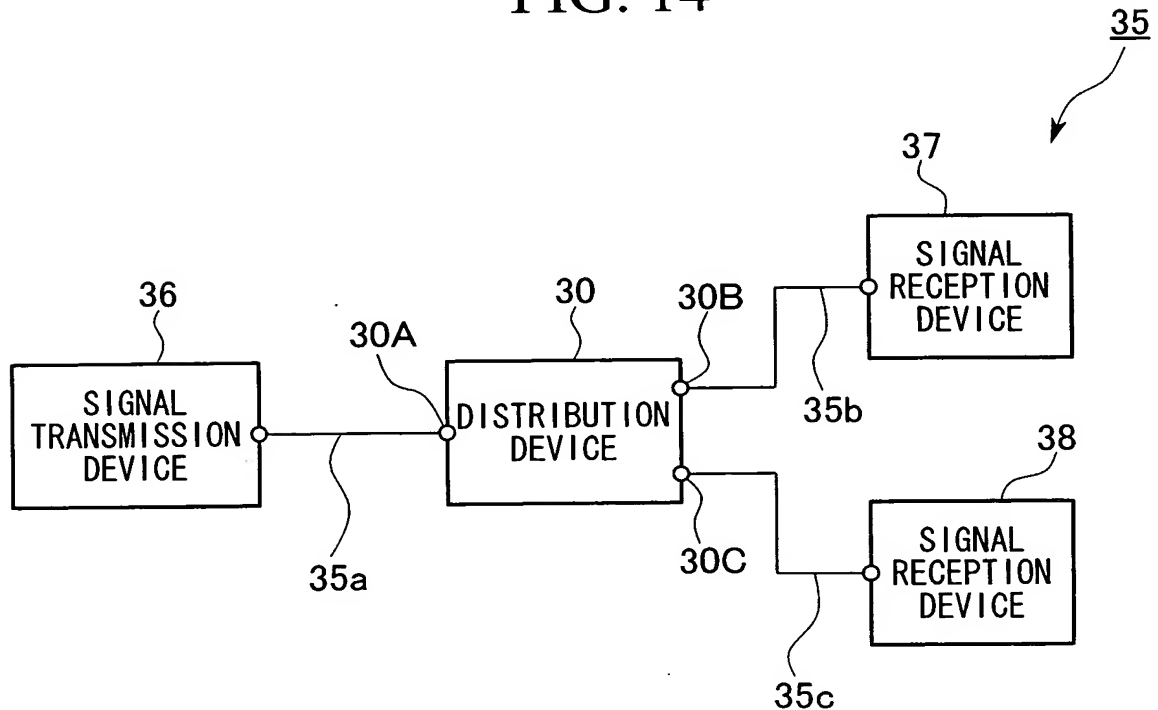


FIG. 15

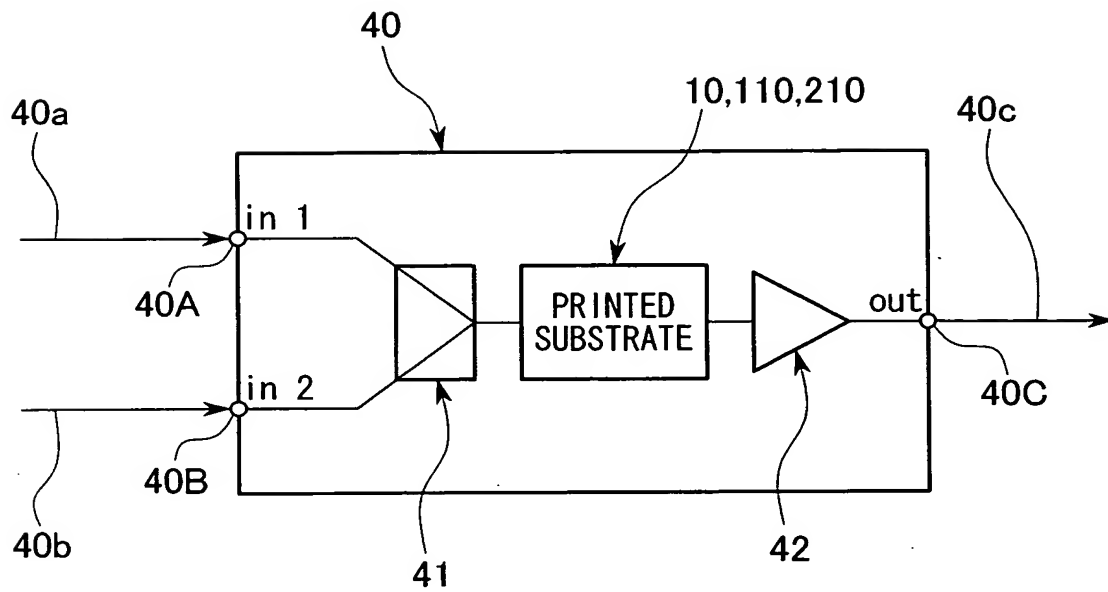


FIG. 16

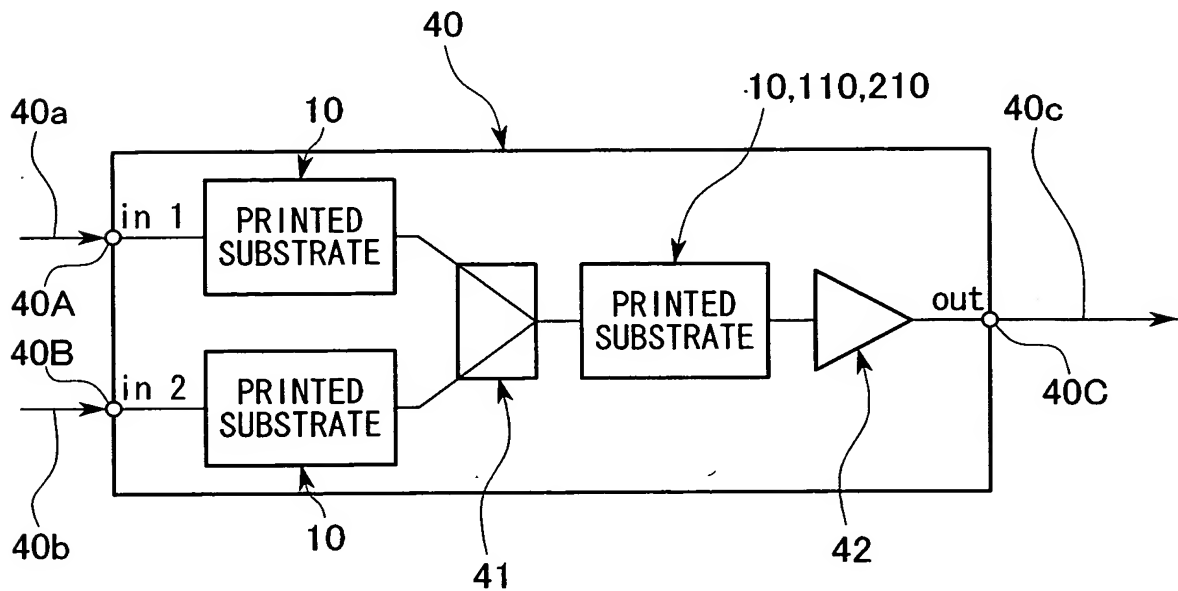


FIG. 17

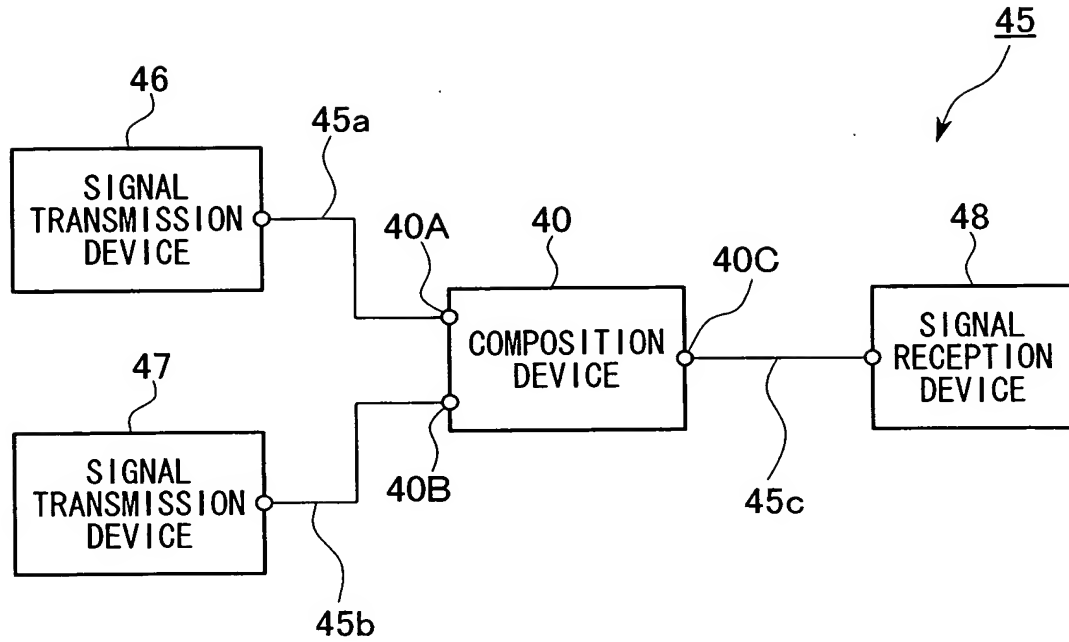


FIG. 18

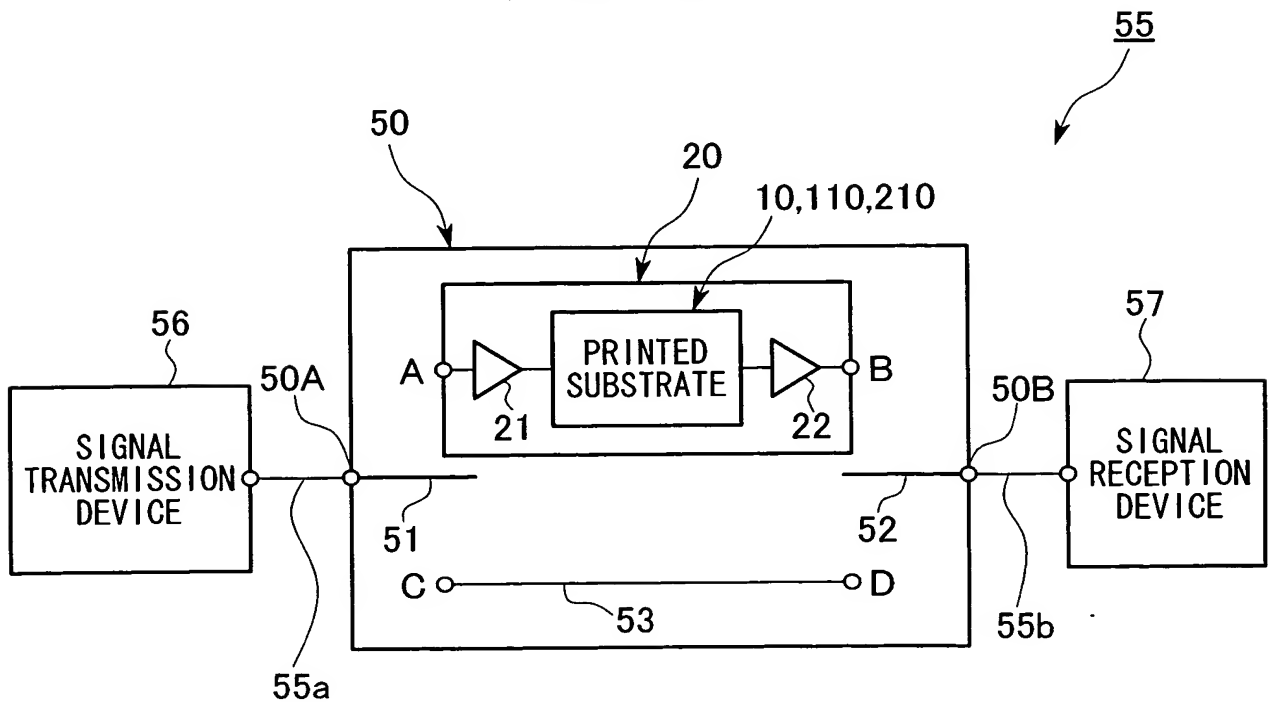


FIG. 19

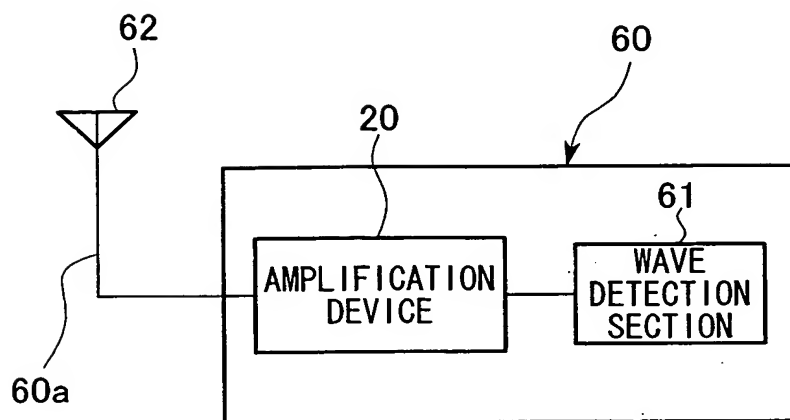


FIG. 20

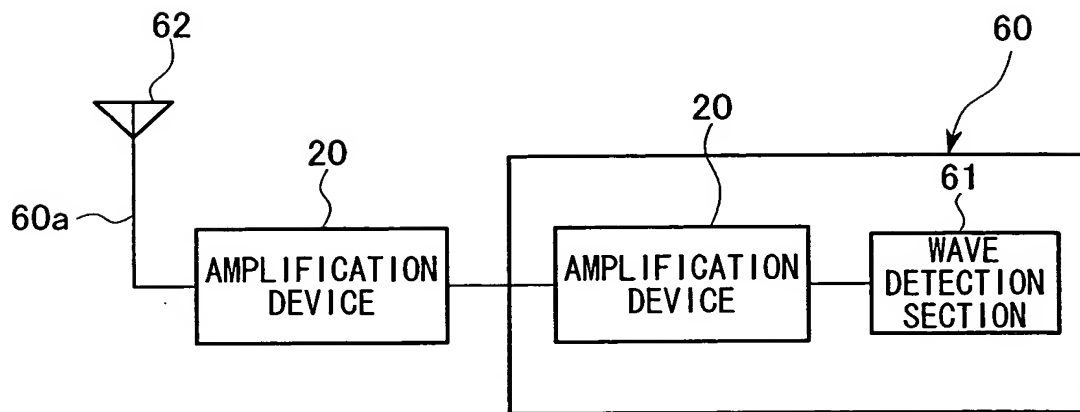


FIG. 21

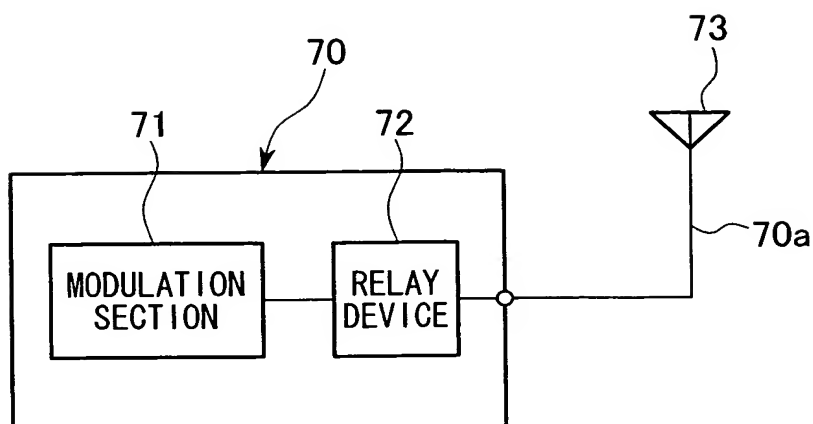


FIG. 22

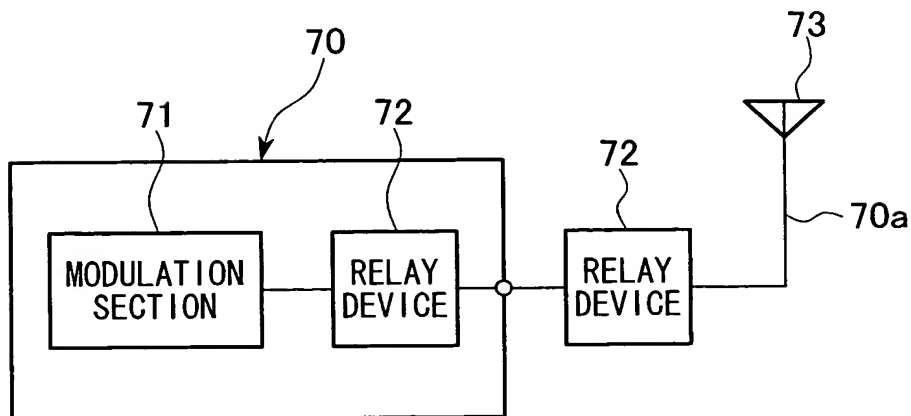


FIG. 23

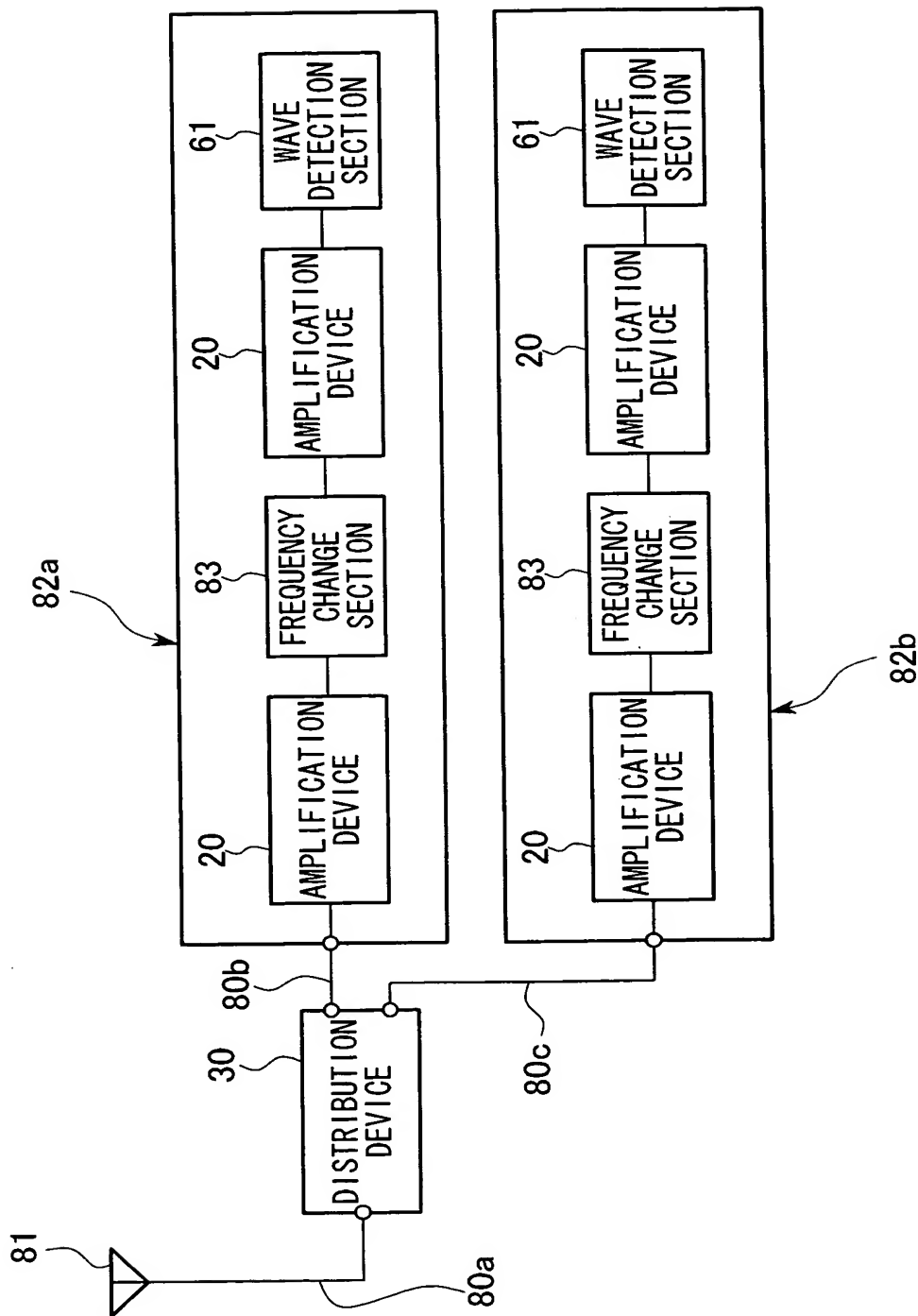


FIG. 24

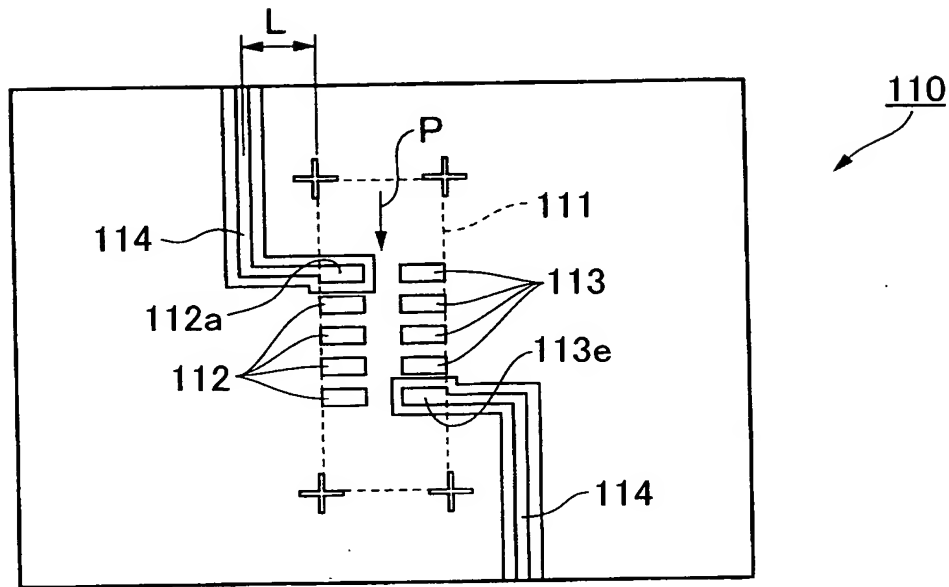


FIG. 25

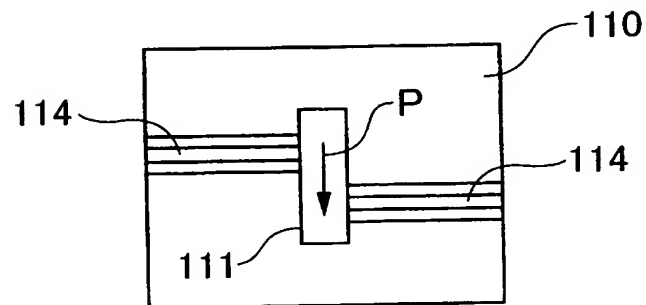


FIG. 26

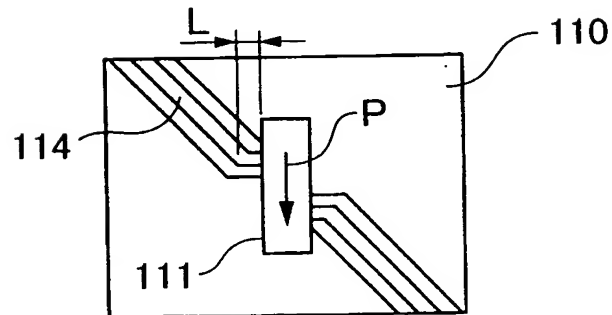


FIG. 27

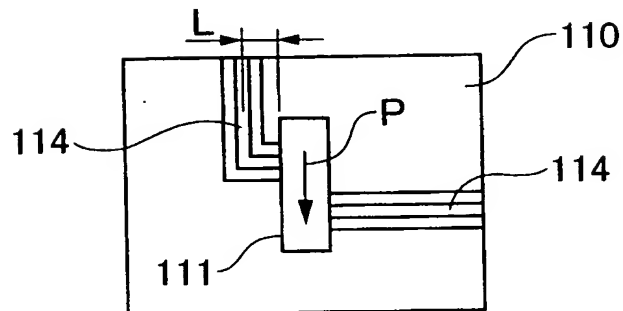
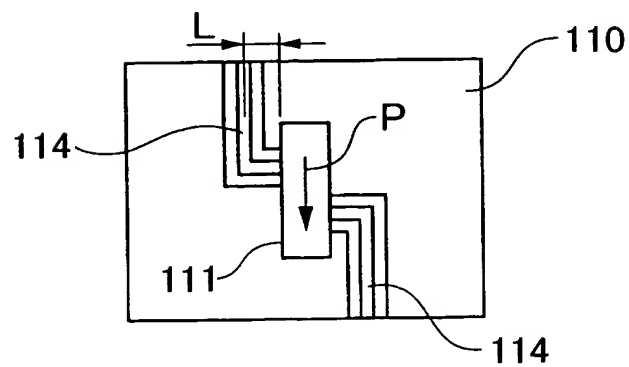


FIG. 28





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FIG. 29

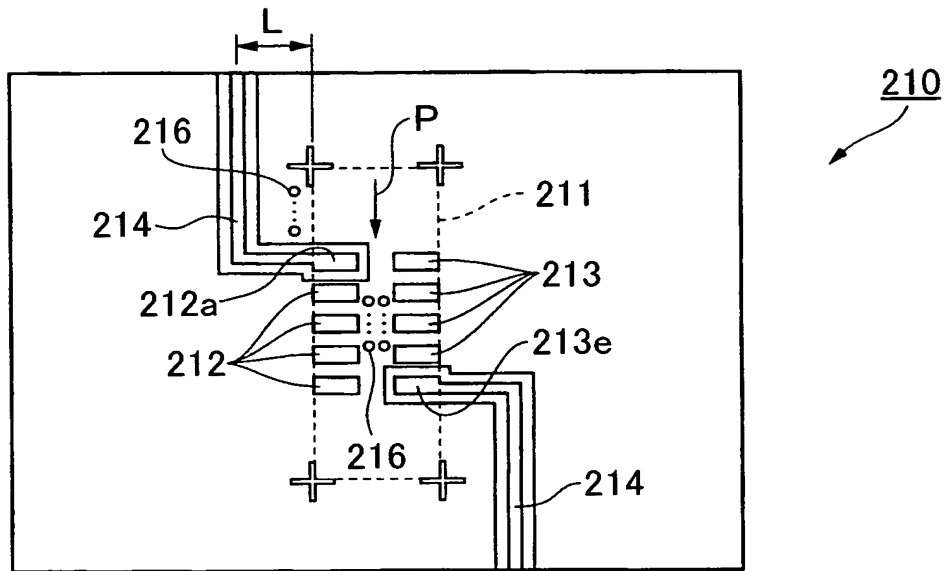
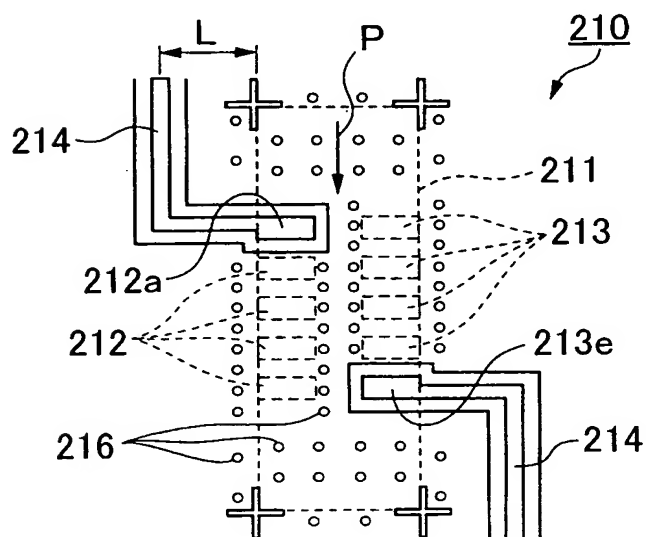


FIG. 30



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FIG. 31

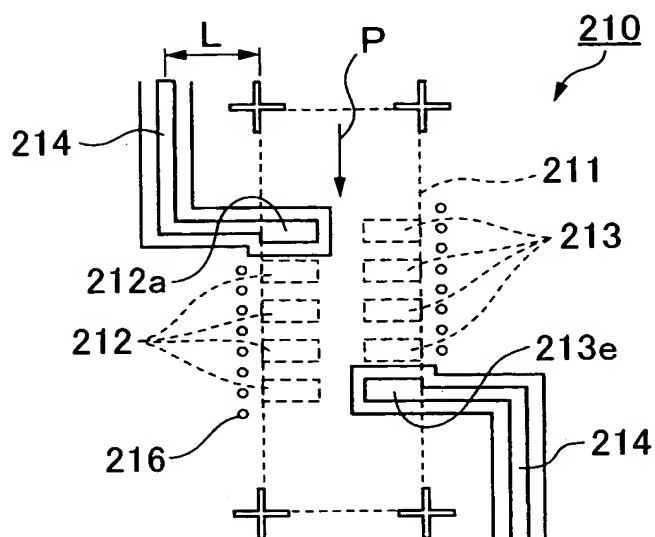


FIG. 32

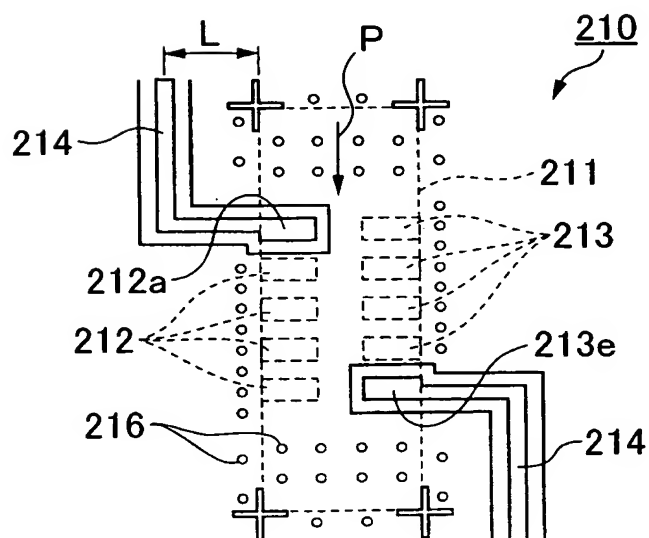


FIG. 33

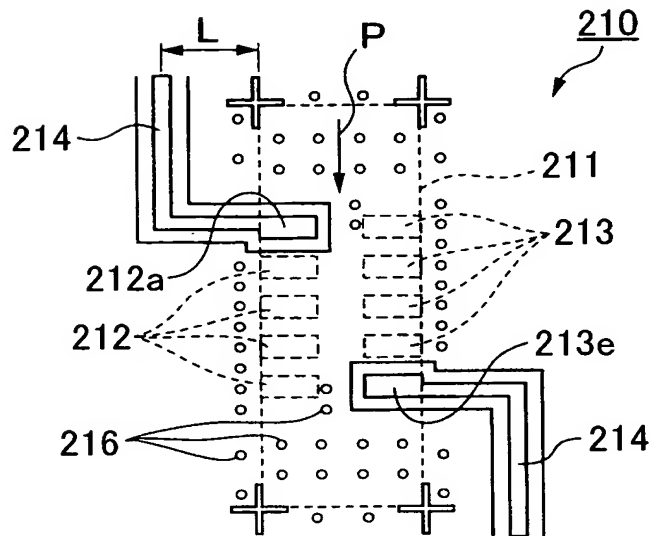
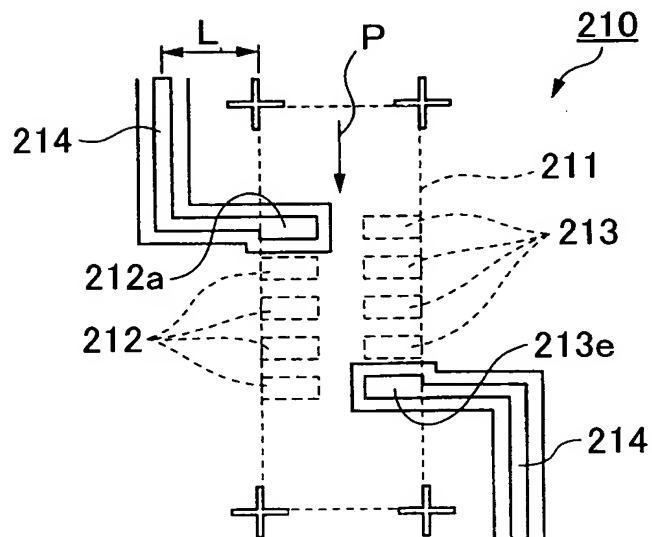


FIG. 34



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FIG. 35

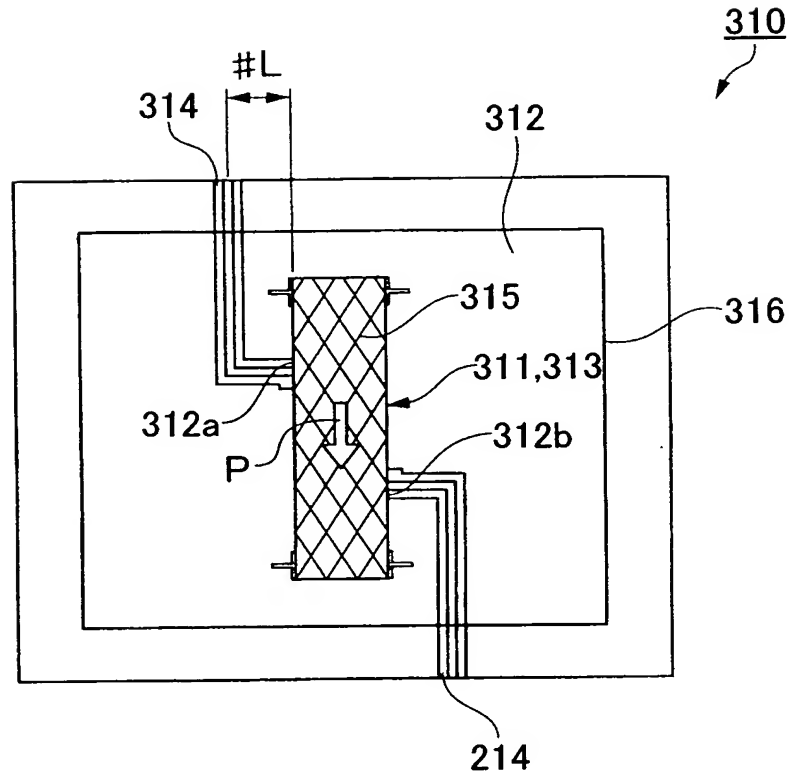
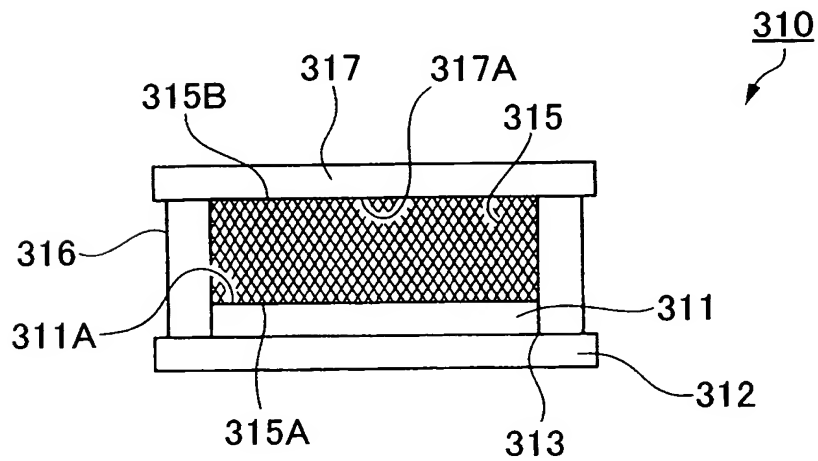


FIG. 36



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FIG. 37A

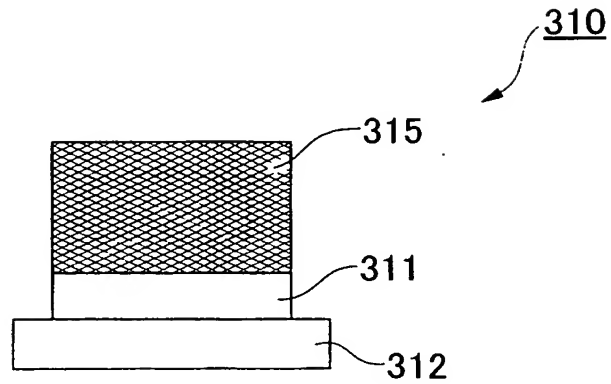
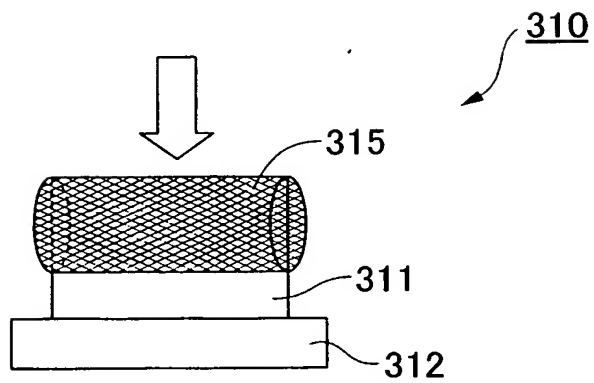


FIG. 37B



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FIG. 38

COMPARISON EXAMPLE 6

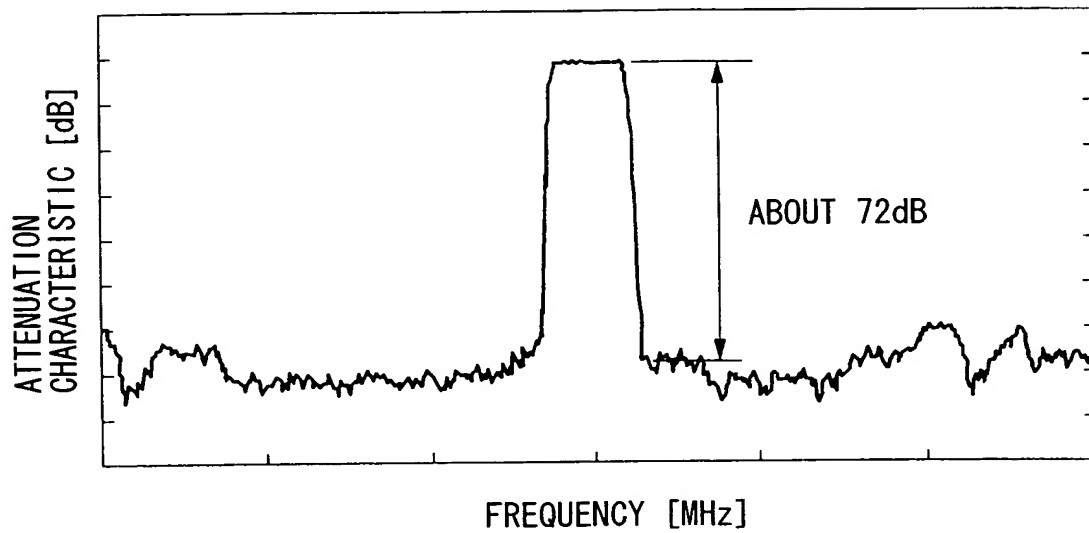


FIG. 39

COMPARISON EXAMPLE 7

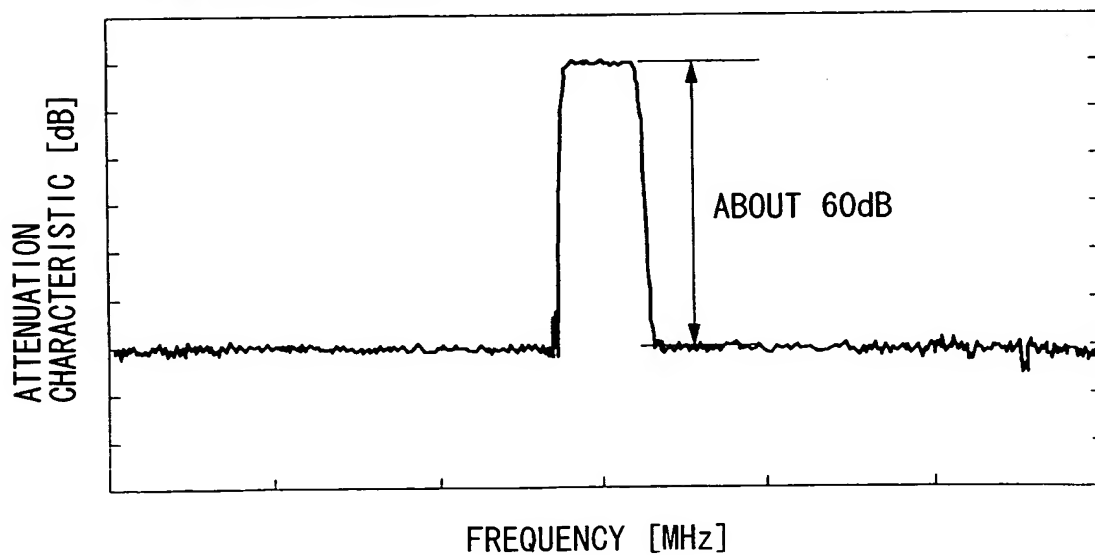
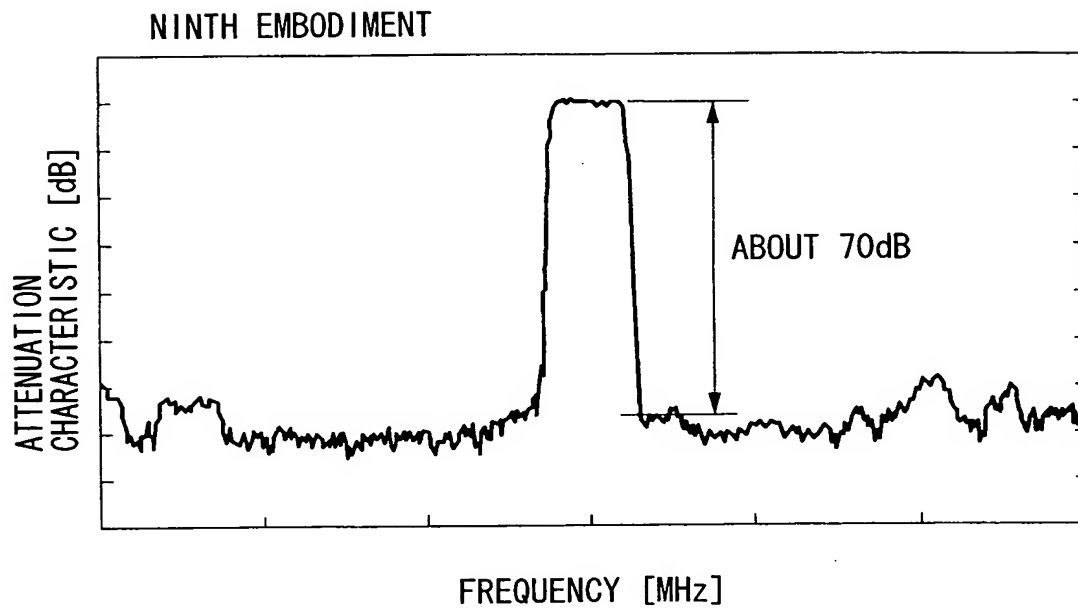


FIG. 40



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FIG. 41A

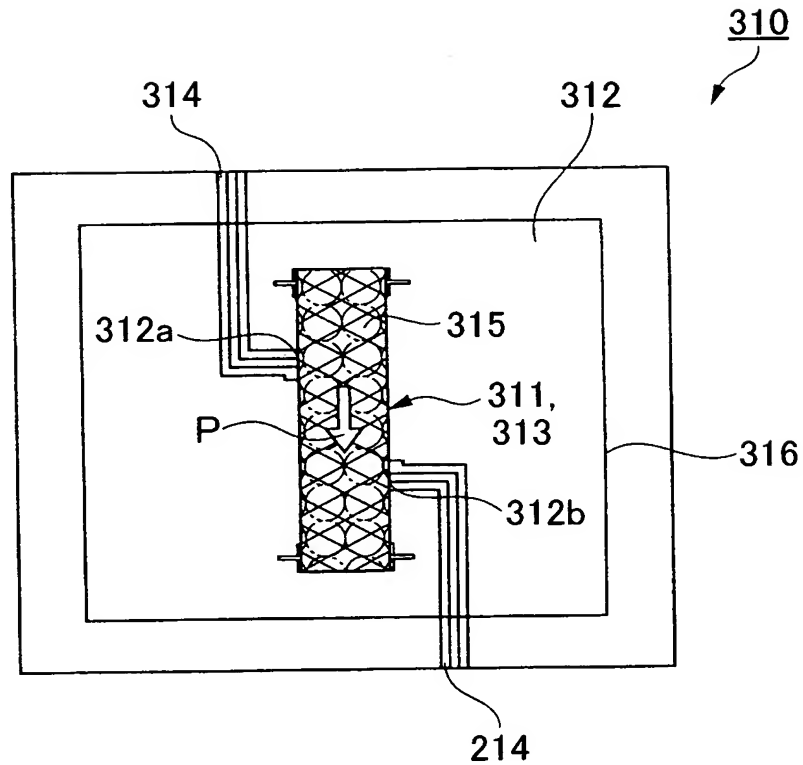
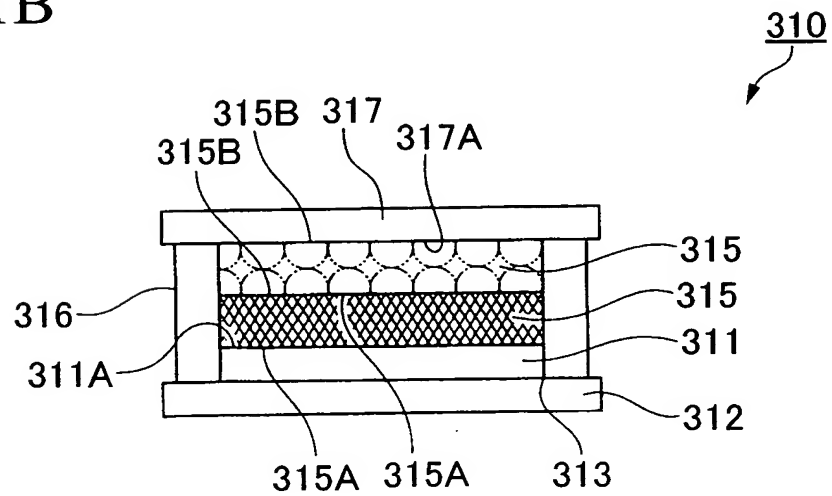


FIG. 41B





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FIG. 42

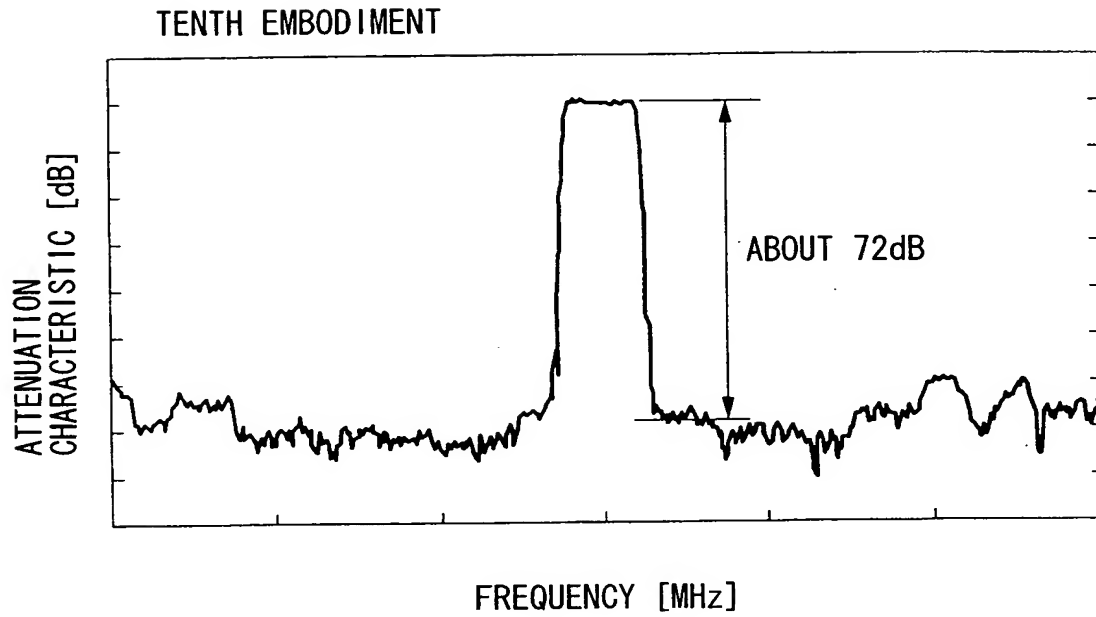


FIG. 43A

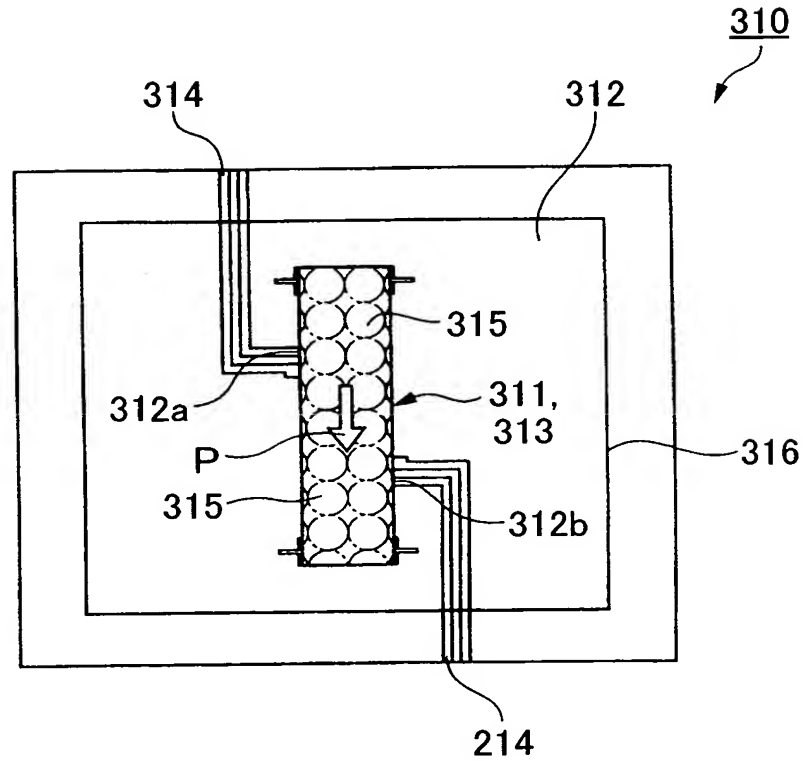


FIG. 43B

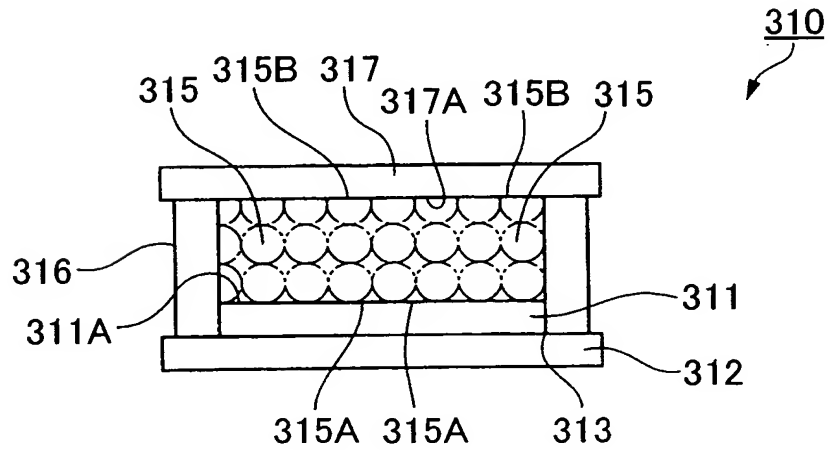


FIG. 44

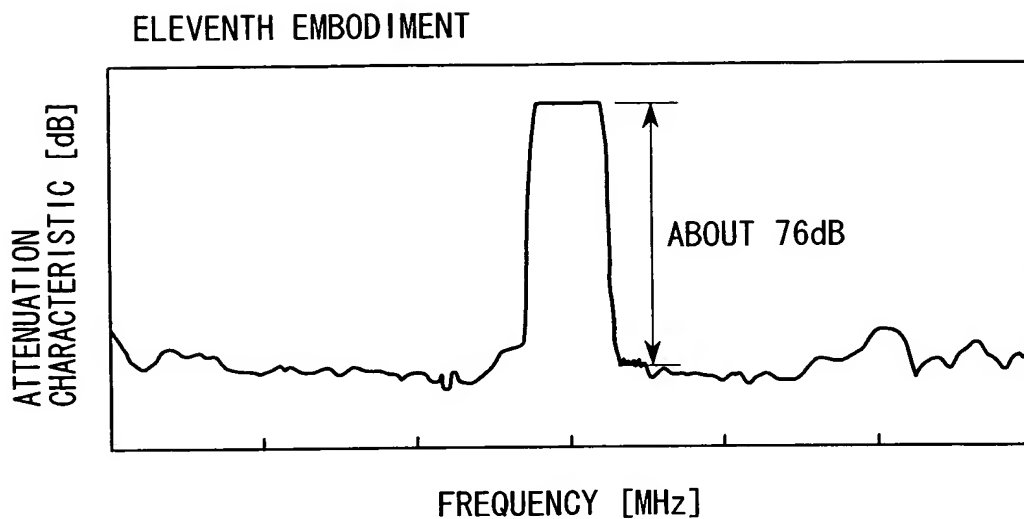


FIG. 45A

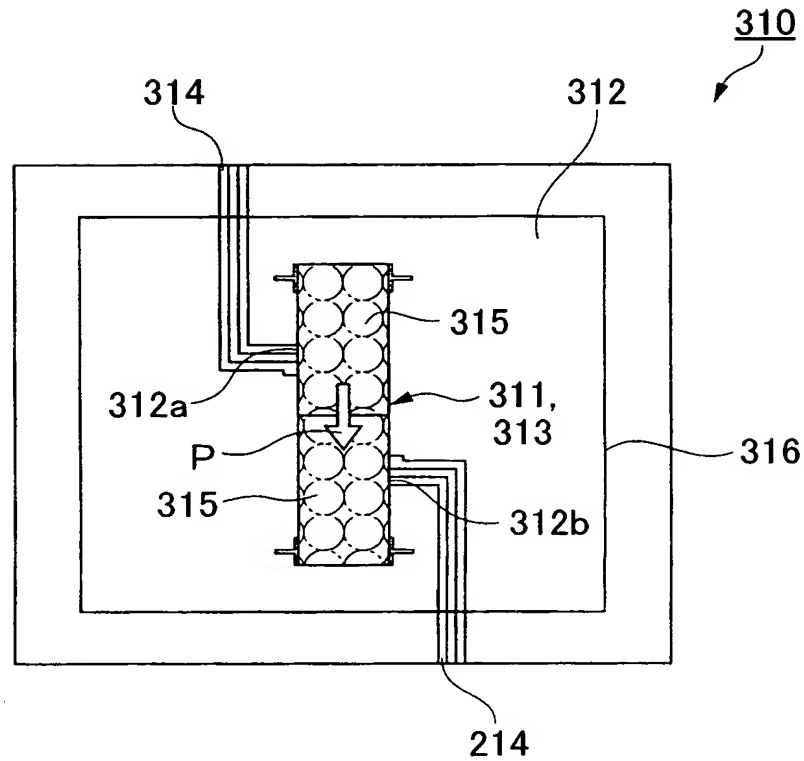


FIG. 45B

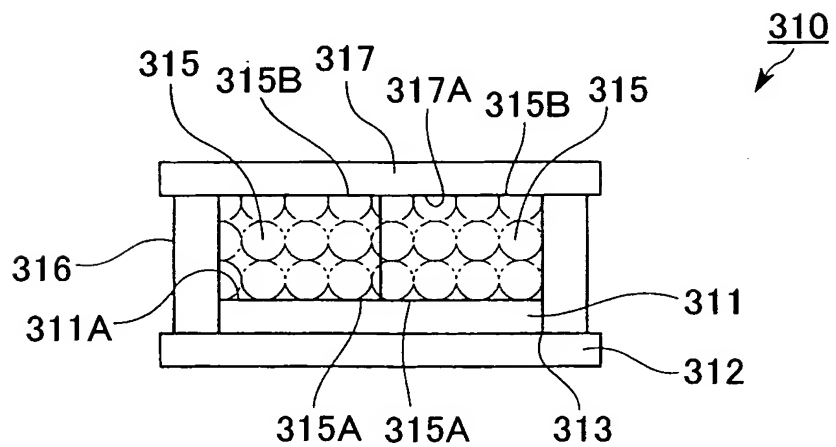
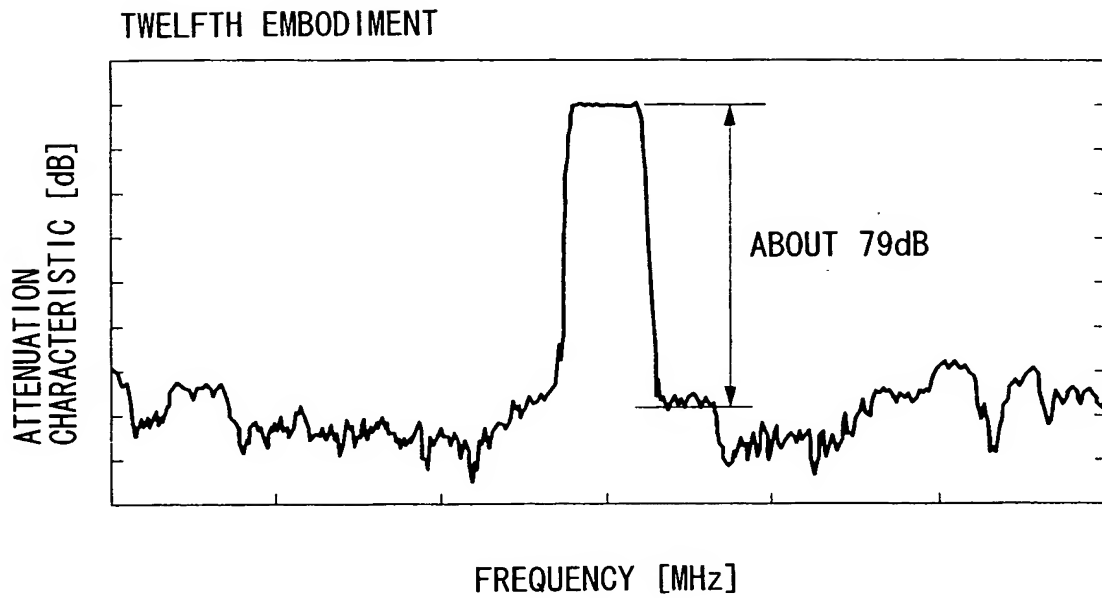


FIG. 46



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FIG. 47A

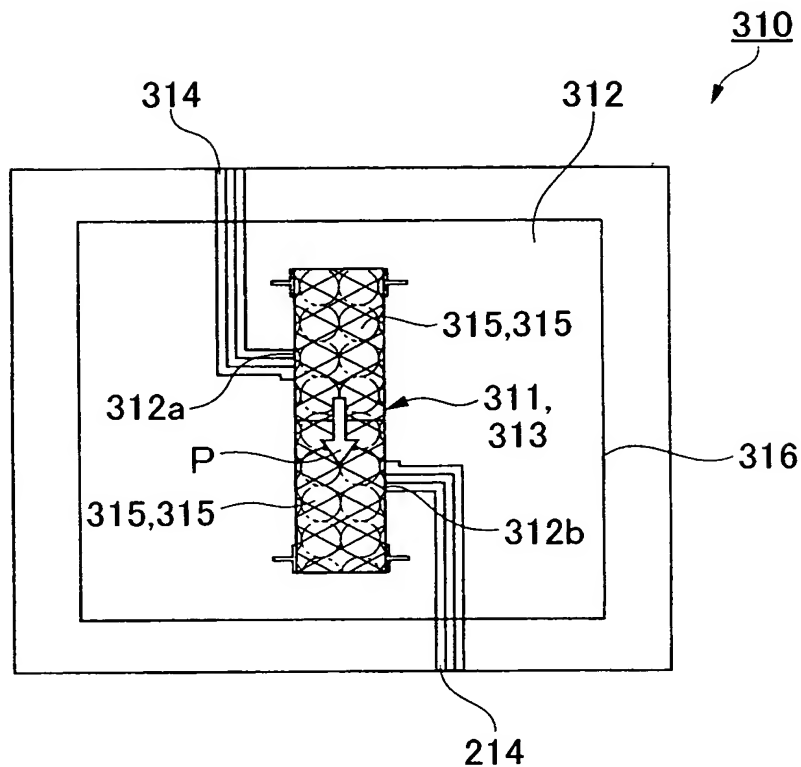
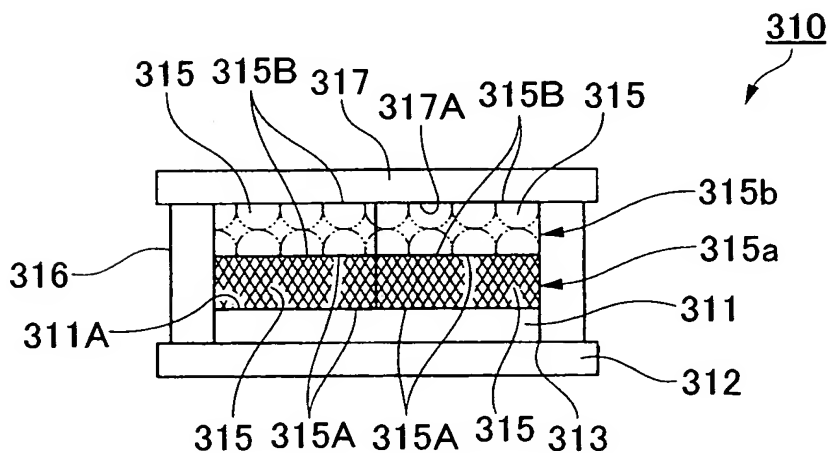


FIG. 47B



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FIG. 48

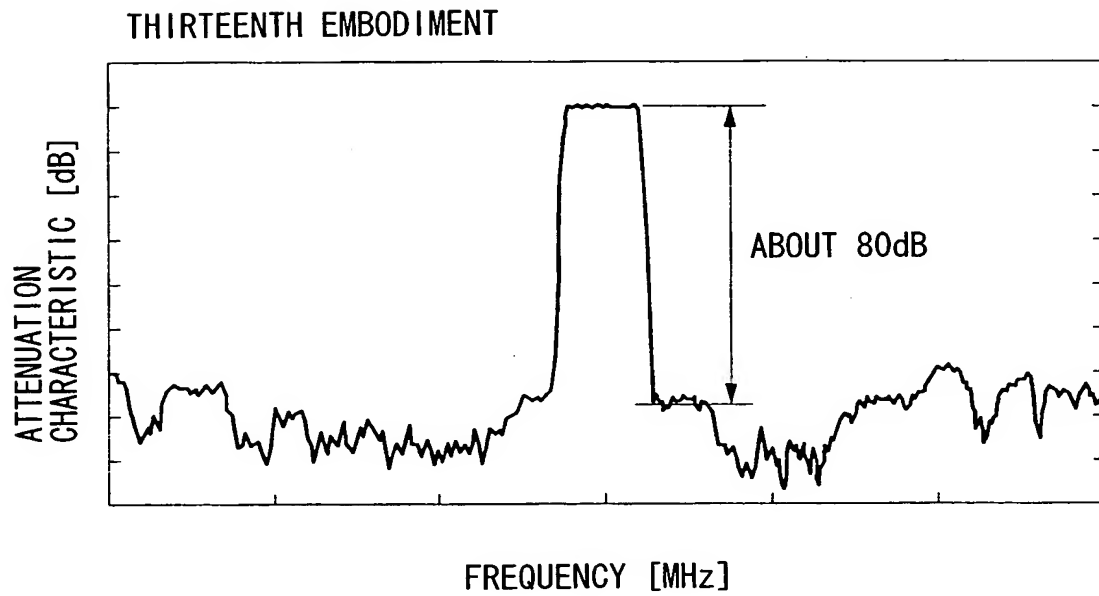


FIG. 49

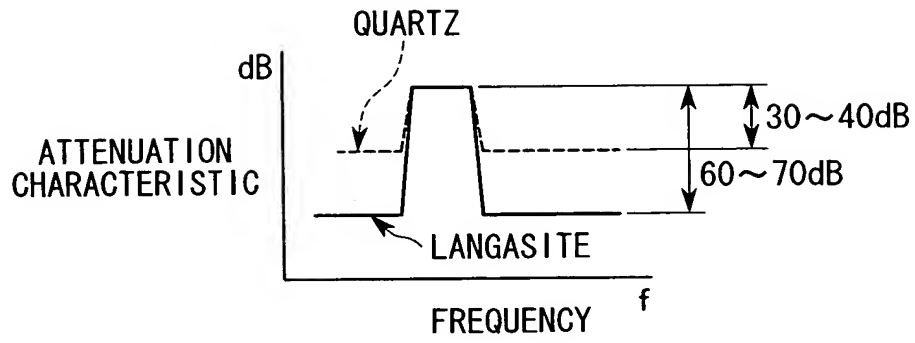


FIG. 50

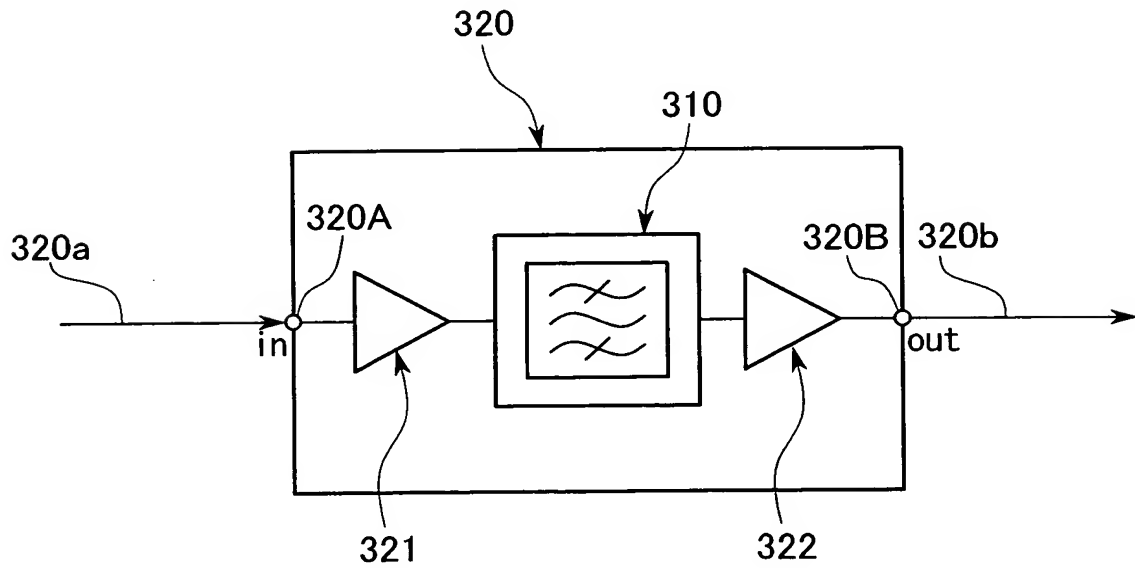




FIG. 51

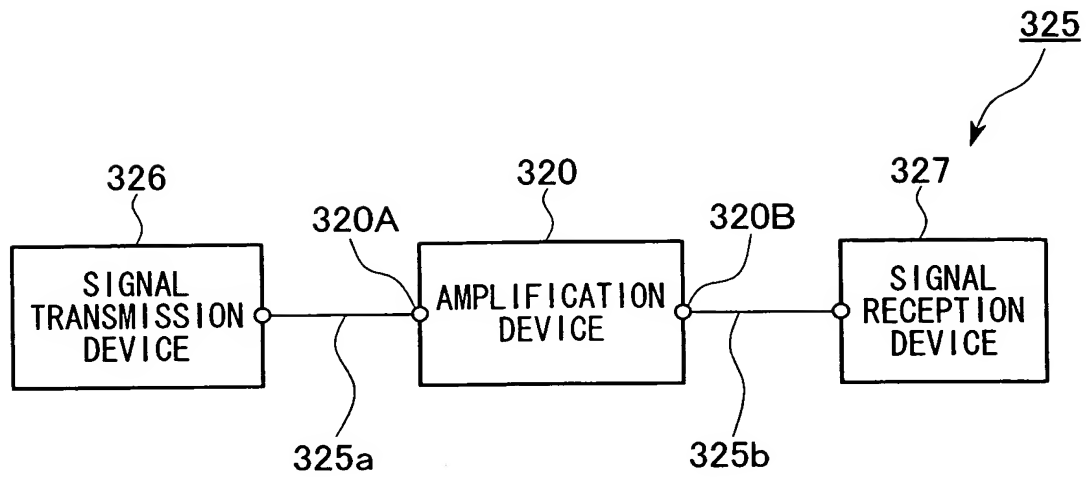
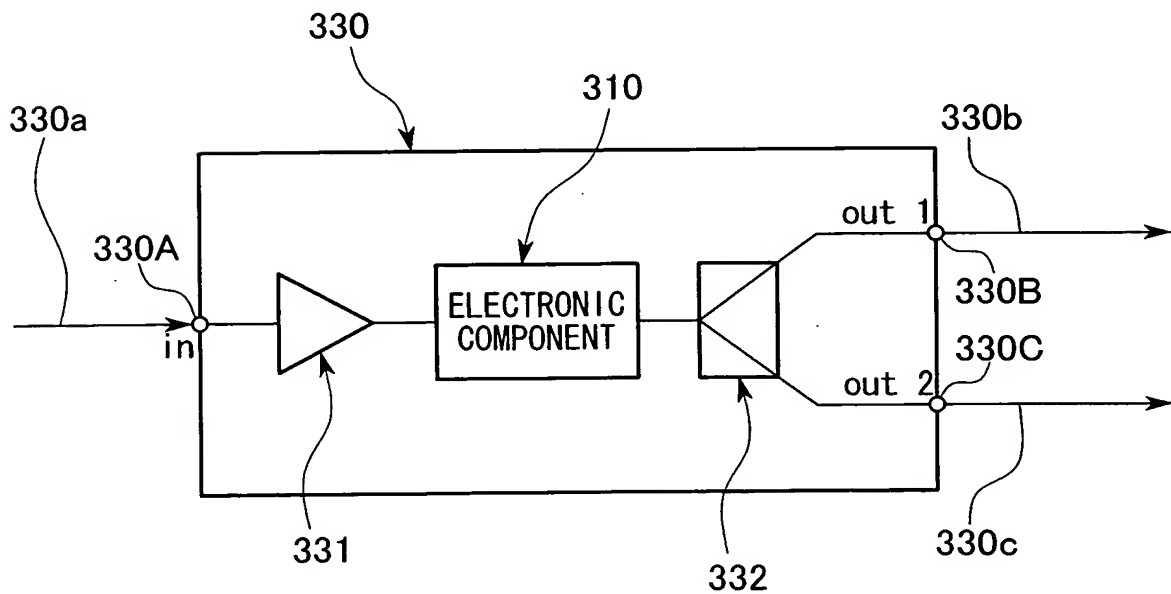


FIG. 52



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FIG. 53

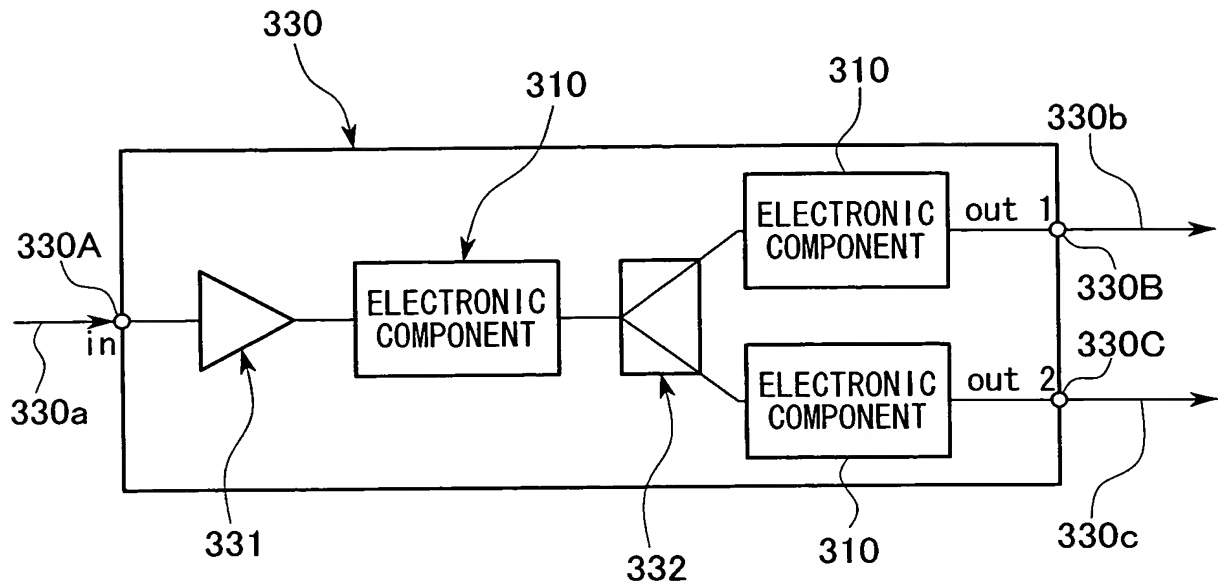


FIG. 54

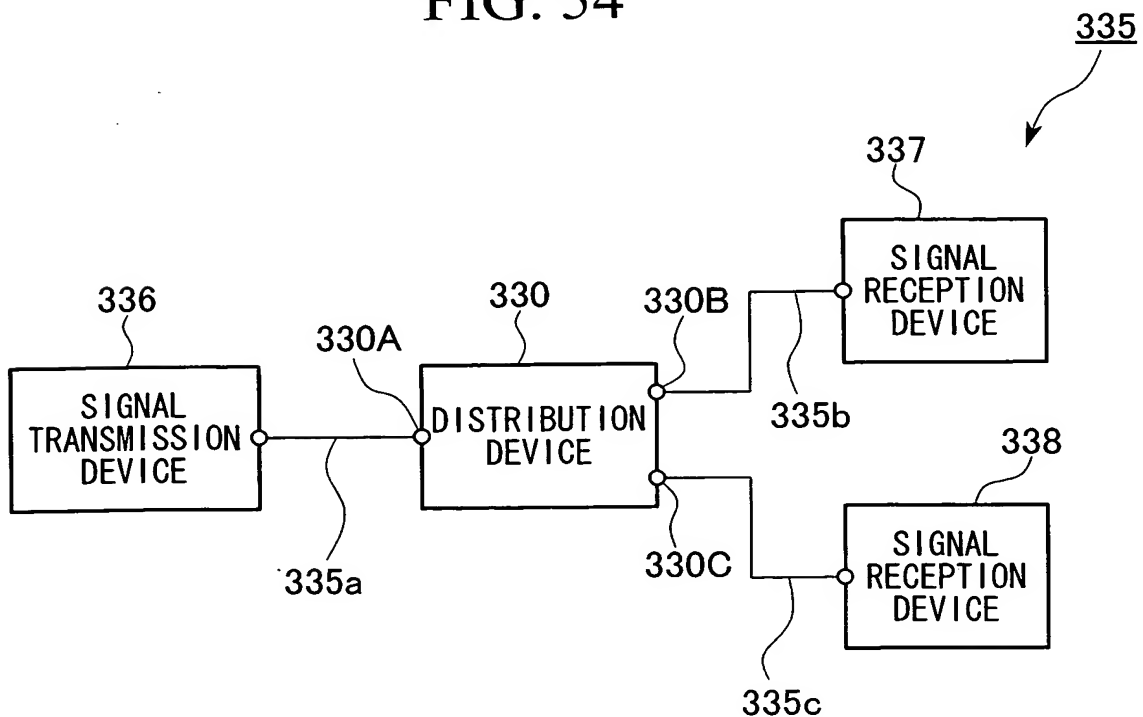


FIG. 55

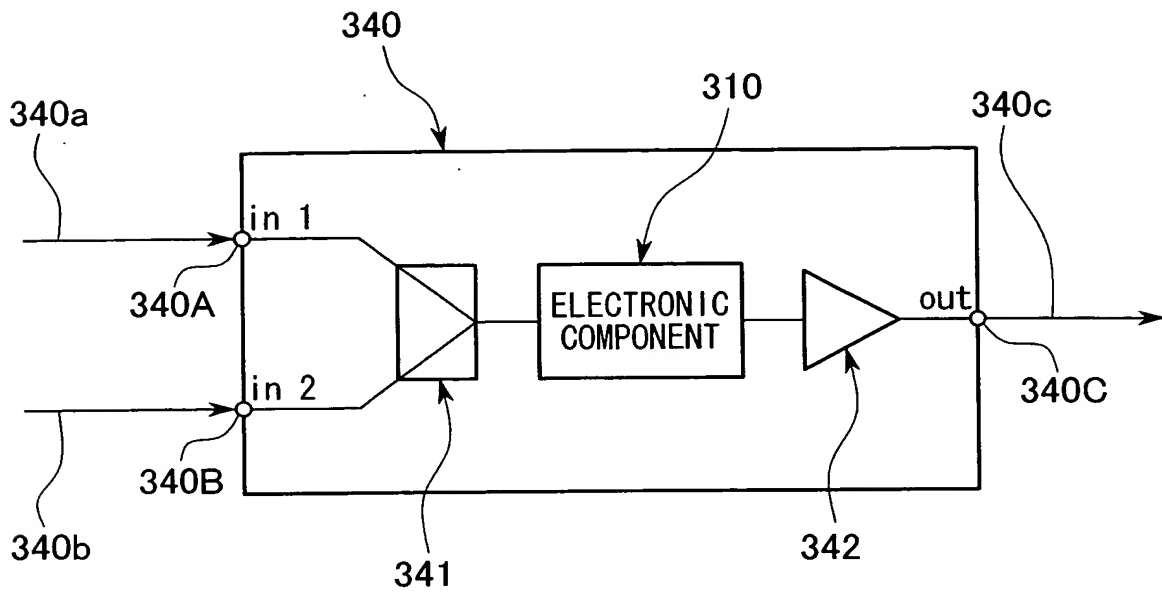


FIG. 56

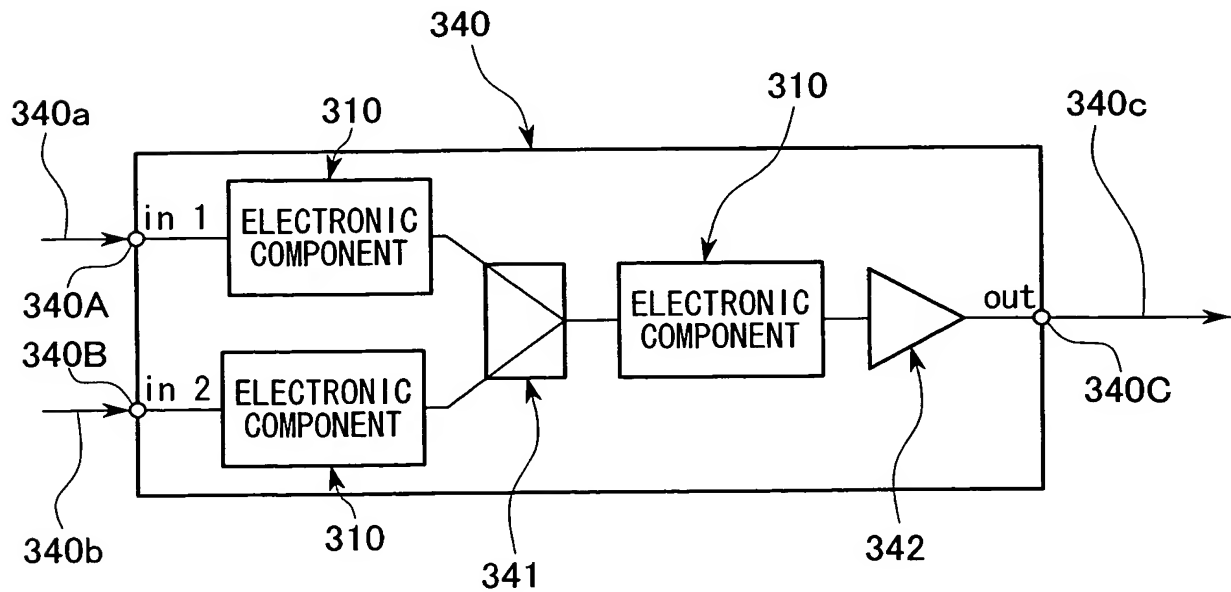


FIG. 57

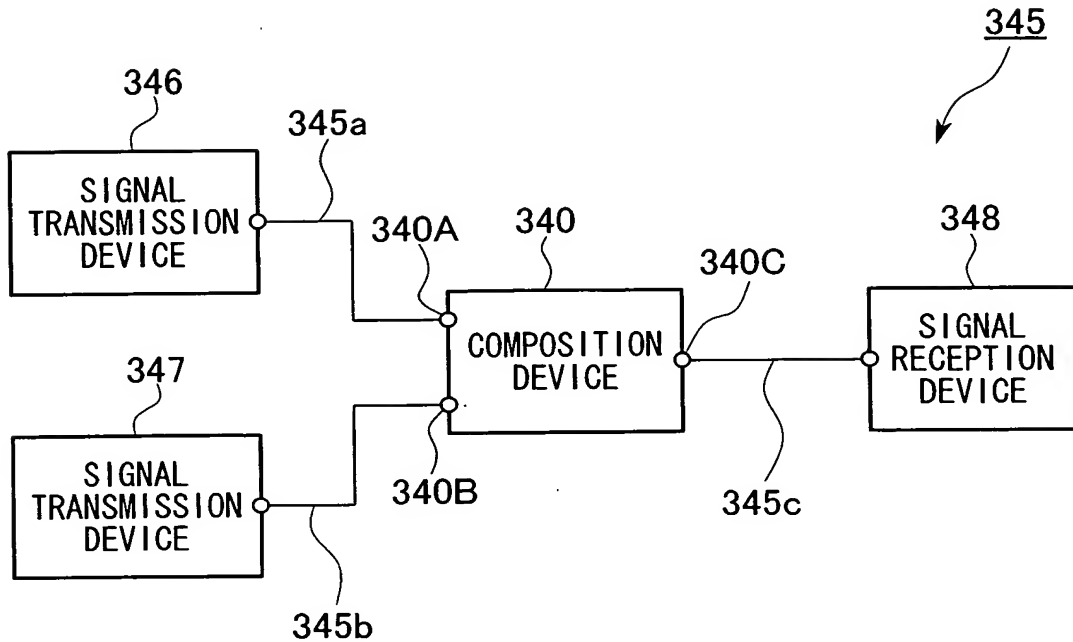


FIG. 58

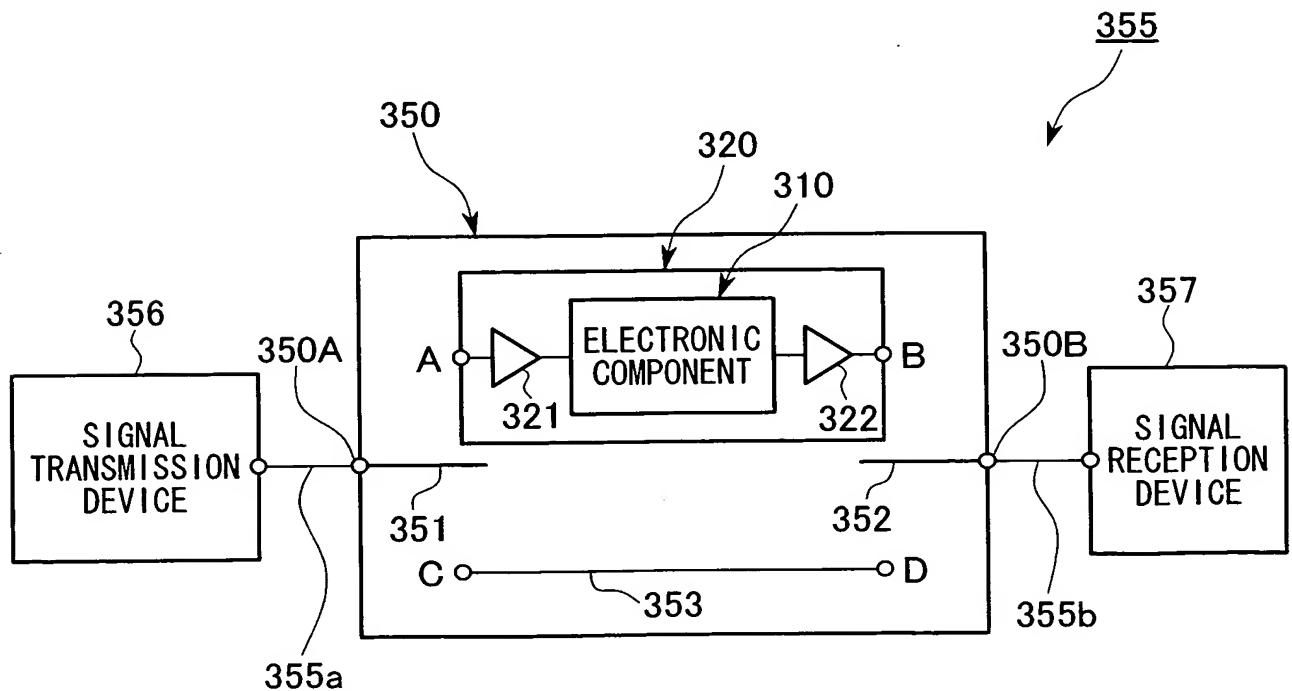


FIG. 59

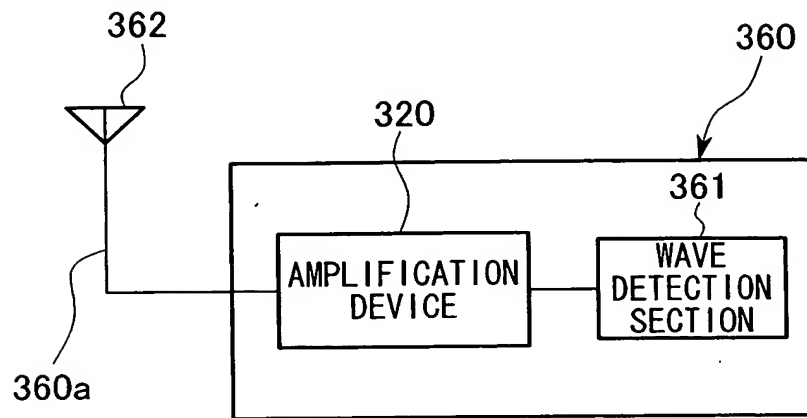


FIG. 60

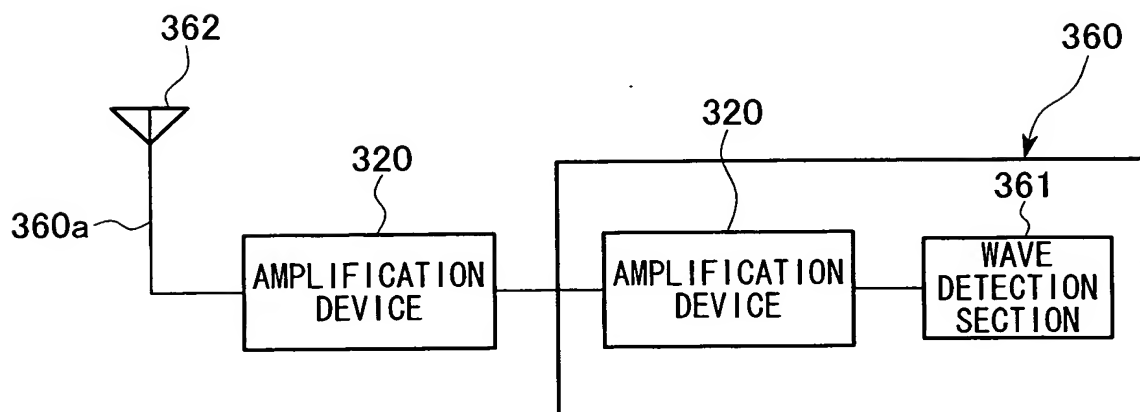


FIG. 61

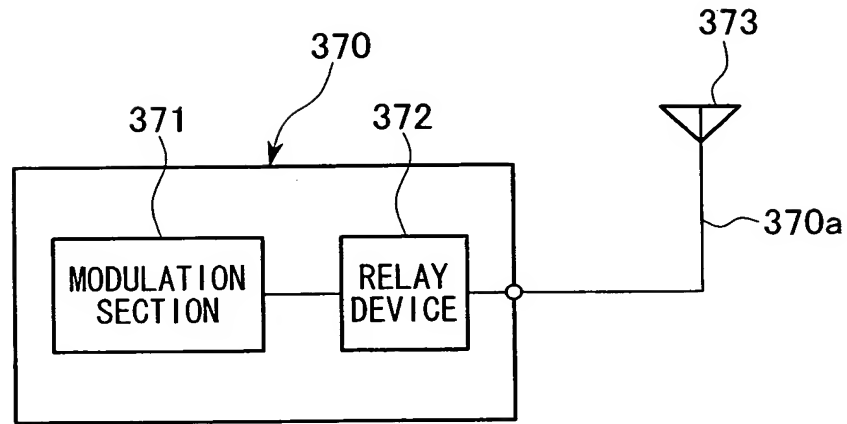
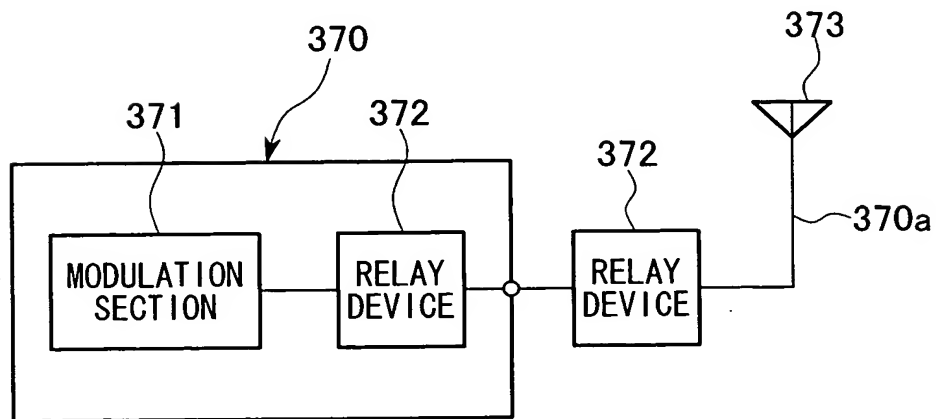


FIG. 62



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FIG. 63

